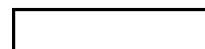


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NPIC/R-873/64

September 1964



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38 Pages

PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART I
MISSION 1010-2
19-23 SEPTEMBER 1964



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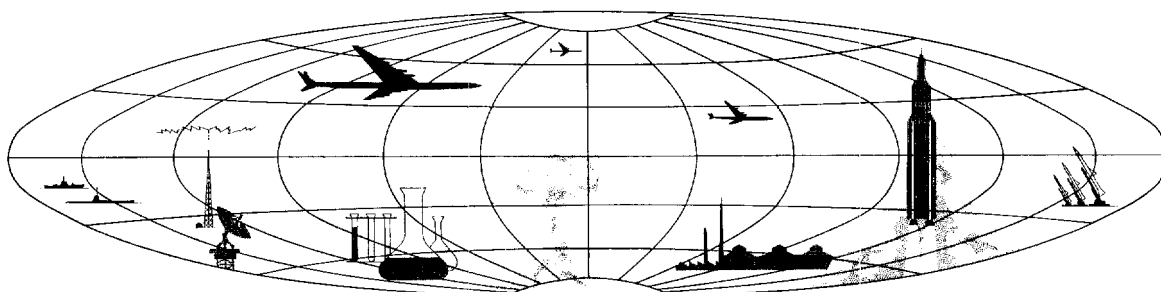
WARNING

Declassification Review by
NIMA/DoD



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25X1PREFACE

THIS IS THE FIRST OF AN ESTIMATED TWO DAILY OAK REPORTS BASED ON MISSION 1010-2 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD 0800 TO 1500, 29 SEPTEMBER 1964, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 1010-2 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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Highlights

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25X1

HIGHLIGHTS

25X1A

1. DOMBAROVSKIY ICBM COMPLEX [REDACTED]

A NEWLY IDENTIFIED PROBABLE LAUNCH AREA, AREA E, IN AN EARLY STAGE OF CONSTRUCTION, IS LOCATED 13.5 NM WEST OF THE COMPLEX SUPPORT FACILITY. LAUNCH AREA D IS NOW CONFIRMED.

25X1A

2. ALEYSK ICBM COMPLEX [REDACTED]

A NEWLY IDENTIFIED LAUNCH AREA, AREA E, IS LOCATED 10.7 NM NW OF THE COMPLEX SUPPORT FACILITY. LAUNCH AREAS C AND D ARE NOW CONFIRMED.

25X1A

3. SARY-SHAGAN ANTIMISSILE TEST CENTER [REDACTED]

CONSTRUCTION IS PROGRESSING AT SITE 13 WITH A POSSIBILITY THAT THE PITCH OF THE FACES AT THE CENTRAL DUAL HEN HOUSE-TYPE STRUCTURE MAY VARY SLIGHTLY. THE NEW AIRSTRIP UNDER CONSTRUCTION HAS BEEN EXTENDED TO 10,500 FT.

25X1A

4. STERLITAMAK STATIC TEST FACILITY [REDACTED]

A PREVIOUSLY REPORTED POSSIBLE SECOND HORIZONTAL TEST CELL UNDER CONSTRUCTION IS NOW CONFIRMED.

25X1A

5. UFA STATIC TEST FACILITY [REDACTED]

THIS PREVIOUSLY REPORTED UNIDENTIFIED FACILITY IS NOW CONFIRMED AS A STATIC TEST FACILITY.

25X1

25X1

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6. PLISSA FIXED FIELD MRBM LAUNCH SITE 2 (MISSILE BONUS)
A NEW FIXED FIELD SITE IS IDENTIFIED AT PLISSA IN THE VICINITY
OF THE POLOTSK MRBM COMPLEX.

7. CHERNIGOVKA SA-3 SAM SITE (MISSILE BONUS)
A NEWLY IDENTIFIED F-CONFIGURATION SAM SITE IS LOCATED
19.5 NM SW OF CHERNIGOVKA.

25X1A

8. KAZAN AIRFRAME PLANT GORBUNOV 22
TWENTY BLINDER AIRCRAFT ARE OBSERVED AT KAZAN.

25X2

STATUS OF COMOR TARGET READOUT

A TOTAL OF 50 COMOR TARGETS WERE OBSERVED IN THE CURRENT
REPORTING PERIOD AND ARE COVERED BY THIS REPORT.

25X1

25X1

Missiles

25X1

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25X1

25X1

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25X1A

MISSILES

[REDACTED] YURYA ICBM COMPLEX UR 5903N 04919E

25X1D THE COMPLEX IS COVERED BY FAIR-QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGE HAS BEEN NOTED SINCE MISSION [REDACTED] AT LAUNCH AREAS A (SITE 2), B (SITE 1), G (SITE 6), H (SITE 8), OR J (SITE 9). LAUNCH AREAS C (SITE 3), D (SITE 4), E (SITE 5), F (SITE 7), I (SITE 11), AND K (SITE 10) ARE CLOUD COVERED. THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, [REDACTED]

25X9 [REDACTED] ARE IDENTIFIED ONLY. NO NEW CONSTRUCTION IDENTIFIED. NO ABM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM RADIUS SEARCH AREA, WHICH IS 80 PERCENT CLOUD COVERED.

25X9

25X1D

25X1A

[REDACTED] VERKHNYAYA SALDA ICBM COMPLEX UR 5802N 06023E

THE ENTIRE COMPLEX IS COVERED BY FAIR-QUALITY STEREO COVERAGE.

25X1D NO SIGNIFICANT CHANGE IN THE COMPLEX SUPPORT FACILITY, TRANSFER POINT, LAUNCH AREAS A (SITE 2), B (SITE 1), C (SITE 3), D (SITE 4), E (SITE 5), F (SITE 7), G (SITE 8), H (SITE 9), OR I (SITE 10) SINCE MISSION [REDACTED] IN THE AUXILIARY SUPPORT FACILITY SINCE MISSION [REDACTED]

25X9

25X1D

MISSION [REDACTED] SINCE [REDACTED] NO NEW CONSTRUCTION ACTIVITY OBSERVED. NO ABM ACTIVITY NOTED. THE WESTERN HALF OF THE SEARCH AREA IS NOT COVERED AND 50 PERCENT OF THE EASTERN HALF IS CLOUD COVERED.

25X1D

25X9

25X1D

25X1A

[REDACTED] YOSHKAR-OLA ICBM COMPLEX UR 5634N 04803E

THE COMPLEX IS COVERED BY FAIR-QUALITY STEREO PHOTOGRAPHY.

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25X1

TOP SECRET

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25X1
25X1

25X1D

NO SIGNIFICANT CHANGES OR ADDITIONS SINCE MISSION [REDACTED] AT LAUNCH AREAS C (SITE 3), D (SITE 4), E (SITE 5), OR F (SITE 6). NO SIGNIFICANT CHANGE AT LAUNCH AREA B (SITE 2) SINCE MISSION

25X1D

[REDACTED] CONSTRUCTION IS CONTINUING AT THE SUPPORT-TYPE FACILITY BETWEEN LAUNCH AREAS C AND D. A FOURTH LARGE BUILDING IS NOW UNDER CONSTRUCTION AND WORK CONTINUES ON THE SEVERAL SMALLER STRUCTURES. LAUNCH AREA A (SITE 1) IS CLOUD COVERED WITH THE EXCEPTION OF ITS ASSOCIATED LAUNCH SUPPORT AREA, WHICH IS IDENTIFIED ONLY. THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, AND PROBABLE COMMUNICATIONS FACILITY NORTH OF THE TRANSFER POINT ARE CLOUD COVERED.

NO ABM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS OF THE 50-NM RADIUS SEARCH AREA.

25X1D

25X1A

[REDACTED] SVOBODNYY ICBM COMPLEX UR 5146N 12807E

25X1D

NO SIGNIFICANT CHANGE IN THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, LAUNCH AREAS A (SITE 3), B (SITE 1), D (SITE 4), E (SITE 6), F (SITE 5) OR H (SITE 8), OR THE UNIDENTIFIED ACTIVITY BETWEEN LAUNCH AREAS E AND G SINCE MISSION [REDACTED] LAUNCH AREA C (SITE 2) IS OBSCURED BY HEAVY HAZE. LAUNCH AREA G (SITE 7) REMAINS IN A LATE STAGE OF CONSTRUCTION. THREE LONG NARROW STRUCTURES PRESENT ON

25X1D

MISSION [REDACTED] SOUTH OF THE LOOP ROAD AT LAUNCH AREA G (SITE 7) ARE NO LONGER DISCERNIBLE. ONE NEW BARRACKS BUILDING HAS BEEN ADDED IN THE SITE SUPPORT FACILITY. NO NEW CONSTRUCTION ACTIVITY OBSERVED. NO ABM ACTIVITY NOTED IN CLOUD-FREE PORTIONS OF 50-NM RADIUS SEARCH AREA.

25X1D

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TOP SECRET

25X1

25X1

25X1

TOP SECRET

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25X1
25X1

25X1A

DROVYANAYA ICBM COMPLEX UR 5132N 11301E

25X1D

COMPLEX COVERED BY GOOD-QUALITY STEREO PHOTOGRAPHY. NO SIGNIFICANT CHANGES OBSERVED IN THE COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, OR LAUNCH AREAS A (SITE 1), B (SITE 2), C (SITE 4), OR D (SITE 3) SINCE MISSION [REDACTED] LAUNCH AREA E (SITE 5) IS NOW IN A LATE STAGE OF CONSTRUCTION. LAUNCH AREA F (SITE 6) REMAINS IN A MID-STAGE, ALTHOUGH CONSTRUCTION CONTINUES. NO NEW CONSTRUCTION ACTIVITY OBSERVED. NO ABM ACTIVITY OBSERVED IN EASTERN TWO-THIRDS OF 50-NM RADIUS SEARCH AREA. WESTERN THIRD NOT COVERED.

25X1D

25X1A

DOMBAROVSKIY ICBM COMPLEX UR 5102N 05949E

25X1D

A NEWLY IDENTIFIED PROBABLE LAUNCH AREA E, LOCATED AT APPROXIMATELY 51-03N 059-28E AND 13.5 NM WEST OF THE COMPLEX SUPPORT FACILITY (CSF), IS IN AN EARLY STAGE OF CONSTRUCTION. IT CONSISTS OF ONE SMALL BUILDING AND SEVERAL SMALL STRUCTURES, A SHALLOW IRREGULAR EXCAVATION, AND TRACK ACTIVITY, NONE OF WHICH WAS PRESENT ON MISSION [REDACTED] PROBABLE LAUNCH AREA D (SITE 1), IS CONFIRMED. IT CONSISTS OF A SILO CORING WITHIN A SQUARE EXCAVATION, WITH A SMALL AREA ENCLOSED BY A BOARD FENCE AND AN OUTER SECURITY FENCE UNDER CONSTRUCTION. THE SITE SUPPORT FACILITY CONSISTS OF ONE LARGE, ONE MEDIUM, AND 5 SMALL BUILDINGS NE OF THE SITE. LAUNCH AREA C (SITE 2) IS IN A MID-STAGE OF CONSTRUCTION, WITH A SILO CORING IN A SQUARE EXCAVATION AND 2 NEARBY STRUCTURES ENCLOSED BY A SECURITY FENCE. THE SITE SUPPORT FACILITY CONSISTS OF ONE LARGE AND 4 SMALL BUILDINGS NE OF THE SITE. THERE IS NO DISCERNIBLE CHANGE IN LAUNCH AREA B (SITE 3) SINCE MISSION [REDACTED] BUT THERE ARE NOW 2 LARGE, 2 MEDIUM, AND ONE SMALL BUILDING IN THE SUPPORT FACILITY SOUTH OF THE SITE. ANOTHER MEDIUM-SIZED BUILDING IS UNDER CONSTRUCTION. LAUNCH AREA A (SITE 4) IS CLOUD COVERED. THERE IS NO SIGNIFICANT CHANGE IN THE CSF SINCE MISSION [REDACTED]

25X1D

25X1D

25X1D

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25X1

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TOP SECRET
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25X1
25X1

(35-11 PROBABLE LAUNCH AREA E), (33-14
LAUNCH AREA D) SC

25X1A

ALEYSK ICBM COMPLEX UR 5229N 08243E

COMPLEX, LOCATED 2 NM WEST OF ALEYSK AND AT 52-29N 082-43E, APPROXIMATELY 155 NM SOUTH OF NOVOSIBIRSK, IS SERVED BY A SPUR OFF THE NOVOSIBIRSK-SEMPALATINSK RAIL LINE. THE COMPLEX, WHICH HAS BEEN UNDER CONSTRUCTION SINCE MISSION [REDACTED] CONSISTS OF A COMPLEX SUPPORT FACILITY (CSF) AND 5 SINGLE SILO LAUNCH SITES. THE CSF, STILL UNDER CONSTRUCTION, CONTAINS ABOUT 10 BUILDINGS. THERE IS GROUND SCARRING FOR THE EXTENSION OF THE RAIL SPUR IMMEDIATELY NORTH OF THE CSF. THERE IS ALSO GROUND SCARRING FOR 5 SHORT RAIL SPURS OFF THE COMPLEX RAIL SPUR ABOUT 2,000 FT SOUTH OF THE CSF.

25X1D

LAUNCH AREA A (SITE 1), LOCATED ABOUT 4.3 NM WEST-SW OF THE COMPLEX SUPPORT FACILITY, IS IN A MID-STAGE OF CONSTRUCTION. A CONSTRUCTION RAMP APPEARS TO EXTEND TO THE SILO UNDER CONSTRUCTION, WHICH IS WITHIN A U-SHAPED EXCAVATION.

LAUNCH AREA B (SITE 2), LOCATED ABOUT 1.8 NM NW OF THE CSF, IS IN A MID-STAGE OF CONSTRUCTION AND CONTAINS A U-SHAPED EXCAVATION. DETAILS ARE OBSCURED WITHIN THE EXCAVATION, HOWEVER, A SILO UNDER CONSTRUCTION WAS OBSERVED WITHIN THE EXCAVATION ON MISSION [REDACTED]

25X1D

LAUNCH AREA C (SITE 3), PREVIOUSLY REPORTED AS PROBABLE LAUNCH AREA C, IS NOW CONFIRMED. IT IS LOCATED 4 NM NNE OF THE CSF. THE SITE IS IN A MID-STAGE OF CONSTRUCTION AND APPEARS TO HAVE A SILO UNDER CONSTRUCTION WITHIN THE U-SHAPED EXCAVATION.

LAUNCH AREA D (SITE 4), PREVIOUSLY REPORTED AS A PROBABLE LAUNCH AREA, IS NOW CONFIRMED. IT IS LOCATED 6.3 NM NW OF THE COMPLEX SUPPORT FACILITY. THE SITE IS IN A MID-STAGE OF CONSTRUCTION, WITH A SILO UNDER CONSTRUCTION WITHIN THE U-SHAPED EXCAVATION.

NEWLY IDENTIFIED LAUNCH AREA E IS LOCATED 10.7 NM

25X1
25X1

25X1

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25X1
25X1

NW OF THE COMPLEX SUPPORT FACILITY. IT IS IN A MID-STAGE OF CONSTRUCTION, WITH A SILO UNDER CONSTRUCTION IN A U-SHAPED EXCAVATION. THIS AREA WAS NEGATED ON MISSION [REDACTED] ALTHOUGH PRESENT ON MISSION [REDACTED] PHOTOGRAPHIC LIMITATIONS PRECLUDED IDENTIFICATION AT THAT TIME.

25X1D
25X1D

NO ABM ACTIVITY OBSERVED WITHIN THE 50-NM RADIUS SEARCH AREA.

(ATTACHMENTS 1-6)

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS [REDACTED] FOLLOW --

COMPLEX SUPPORT FACILITY -- [REDACTED]

25X1D

LAUNCH AREA A --
LAUNCH AREA B --
LAUNCH AREA C --
LAUNCH AREA D --
LAUNCH AREA E --

25X1D

25X1D

25X1A

[REDACTED] GRESK MRBM LAUNCH SITE 1 UR 5314N 02742E

NO NEW SSM ACTIVITY OBSERVED IN 25-NM RADIUS SEARCH AREA. AREA CANNOT BE NEGATED DUE TO 60 PERCENT CLOUD COVER.

25X1D

25X1A

[REDACTED] URECHYE MRBM LAUNCH SITE UR 5311N 02758E

NO NEW SSM ACTIVITY OBSERVED IN 25-NM SEARCH AREA. AREA CANNOT BE NEGATED DUE TO 60 PERCENT CLOUD COVER.

25X1D

25X1A

[REDACTED] JABAL HAMZI SSM TEST/LAUNCH FACILITY EG 3007N 03037E

25X1D

SINCE MISSION [REDACTED] THE APPARENT PREPARED SURFACE WEST OF THE FOUR PARALLEL BUILDINGS HAS

25X1
25X1

25X1

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25X1
25X1

BEEN ENLARGED, ANOTHER BUILDING HAS BEEN ADDED
ADJACENT TO THE PREVIOUSLY REPORTED L-SHAPED BUILDING,
AND THE PREVIOUSLY REPORTED CIRCULAR LAUNCH PAD
APPEARS TO BE NO MORE THAN A ROAD JUNCTION.

25X1D

25X1A

NOVOSYSOYEVKA IRBM LAUNCH SITE 2 UR 4407N 13327E

25X9

25X1D

25X1A

NOVOSYSOYEVKA IRBM LAUNCH SITE 3 UR 4407N 13325E

SITE IS STILL IN EARLY STAGE OF CONSTRUCTION.
A RECTANGULAR EXCAVATION IS APPARENT NEAR THE
CENTER OF THE SITE CLEARED AREA.

25X1D

25X1A

POSTAVY MRBM LAUNCH SITE 2 UR 5506N 02700E

NO APPARENT CHANGE SINCE MISSION
SCATTERED CLOUDS AND HAZE PRECLUDE DETAILED
INTERPRETATION.

25X1D

25X1D

25X1A

SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E

GOOD-QUALITY PHOTOGRAPHY COVERS LAUNCH COMPLEX A
SITE 13, THE HEN HOUSE ANTENNA, THE HEN
ROOST ANTENNAS, THE MAIN HOUSING COMPLEX, THE
PRIMARY AIRFIELD, THE DIRT STRIP, A NEW AIR
STRIP UNDER CONSTRUCTION, THE SAM TRAINING SITE,
AND INSTRUMENTATION SITES 1 AND 2. LAUNCH
COMPLEX A SHOWS NO APPARENT CHANGE SINCE MISSION
VERY GOOD STEREOSCOPIC COVERAGE
IS PROVIDED OF SITE 13, REVEALING CONSIDERABLE
PROGRESS AT THE THREE DUAL HEN HOUSE-TYPE

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25X1

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25X1

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STRUCTURES. THERE IS NO EVIDENCE OF A FOURTH SUCH SITE. A LONG CONTINUOUS SCAR ENCOMPASSES THE BUILDING TRIAD, THE AREA OF THE THREE DUAL HEN HOUSE-TYPE STRUCTURES, AND AN AREA 2,500 FT LONG NNW OF THE NORTHERN SITE. THE NORTHERN LINEAR BUILDING OF THE CENTRAL STRUCTURE APPEARS COMPLETE. THE ANTENNA FACE IS DARK AND FACES WEST. ROOFING IS NOT COMPLETE ON THE SOUTHERN LINEAR BUILDING OF THE CENTRAL STRUCTURE, WHOSE ANTENNA FACE IS GRAY AND ALSO FACES WEST. THE PITCH OF THE SOUTHERN LINEAR BUILDING MAY DIFFER SLIGHTLY FROM THAT OF THE NORTHERN WHEN IT IS COMPLETE. THE PROBABLE CENTRAL CONTROL BUILDING SEEMS TO BE COMPLETE. THERE ARE FOOTINGS IN BOTH LINEAR EXCAVATIONS AT THE SOUTHERN SITE, BUT APPARENTLY NO BACKFILL. APPENDAGES (85 X 55 FT) HAVE BEEN ADDED AT THE NORTHERN AND SOUTHERN EXTREMITIES OF THE STRUCTURE. THE PROBABLE CENTRAL CONTROL BUILDING IS IN AN ADVANCED STAGE OF CONSTRUCTION. AT THE NORTHERN SITE, FIRST OBSERVED UNDER CONSTRUCTION ON MISSION [REDACTED], EXCAVATION HAS CONTINUED THROUGHOUT ITS ENTIRE LENGTH AND POSSIBLE FOOTINGS ARE NOW NOTED IN THE NORTHERN PORTION. SMALL EXCAVATIONS, PROBABLY FOR APPENDAGES SIMILAR TO THOSE FOUND AT THE OTHER 2 STRUCTURES, CAN BE SEEN AT EACH EXTREMITY. THE MAJOR PORTION OF THE PROBABLE CENTRAL CONTROL BUILDING, IN INITIAL CONSTRUCTION STAGE, LIES WEST OF THE LINEAR EXCAVATION, IN CONTRAST WITH THOSE AT THE OTHER 2 LINEAR STRUCTURES, WHERE THE MAJOR PORTION OF THIS BUILDING LIES TO THE EAST. APPROXIMATELY 1,400 FT NNW OF THIS STRUCTURE IS AN UNIDENTIFIED BUILDING UNDER CONSTRUCTION. A PROBABLE WATER TOWER IS SITUATED JUST EAST OF THE CENTRAL DUAL HEN HOUSE-TYPE STRUCTURE, AND NUMEROUS GROUND SCARS ARE OBSERVED NEAR THE LINEAR STRUCTURES AND THE BUILDING TRIAD, SOME OF WHICH ARE PROBABLY WATER PIPELINES. SINCE MISSION [REDACTED], ONE NEW BARRACKS-TYPE BUILDING HAS BEEN ERECTED IN THE NORTH SUPPORT AREA AND ANOTHER IS CURRENTLY UNDER CONSTRUCTION. THERE IS NO APPARENT CHANGE IN THE BUILDING TRIAD SINCE THE LAST GOOD COVERAGE OF MISSION [REDACTED] THE NEW AIR STRIP 20 NM SSW OF THE LONG DIRT STRIP AND AT 45-36N 073-20E, FIRST OBSERVED UNDER

25X1D

25X1D

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25X1
25X1

25X1D [REDACTED] CONSTRUCTION TO A LENGTH OF 3,300 FT ON MISSION
 [REDACTED] IS NOW APPROXIMATELY 10,500 X 400 FT.
 THIS WORK APPEARS TO CONSIST OF CLEARING AND
 GRADING. TWO SHORT TAXI LINKS EXTEND NORTH
 FROM THE STRIP TO 2 RECTANGULAR CLEARED AREAS,
 PROBABLY DESIGNED TO BECOME A TAXIWAY OR APRONS.

25X1D THERE IS NO APPARENT CHANGE SINCE MISSION [REDACTED]
 [REDACTED] AT THE PRIMARY AIRFIELD, DIRT STRIP,
 MAIN HOUSING COMPLEX, HEN ROOST ANTENNAS, OR
 INSTRUMENTATION SITES 1 AND 2.

25X1D

(ATTACHMENT 7)

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON
 PASS [REDACTED] ARE AS FOLLOWS --

25X1D

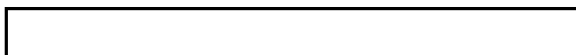


25X1A

[REDACTED] DZUNGARIAN SUSPECT MISSILE SUPPORT AREA CH 4615N 08710E

NO EVIDENCE OF MISSILE IMPACT AREAS OR
 INSTRUMENTATION SITES OBSERVED. AREA APPEARS TO BE
 OCCUPIED BY NOMAD CAMPS.

25X1D



25X1A

[REDACTED] OMSK RKT ENG TEST FAC GORNAYA BITIYA UR 5525N 07317E

A SECOND TEST STAND IS STILL UNDER CONSTRUCTION,
 WITH THE TOWER APPROXIMATELY HALF COMPLETE AND
 FOUNDATIONS FOR SUPPORT BUILDINGS NOW VISIBLE TO THE
 REAR. THIS STAND NOW APPEARS TO BE SIMILAR TO THE
 FIRST STAND AT KURUMOCH, WITH THE INTERIOR DIVIDED
 BY STRUCTURAL MEMBERS.

(ATTACHMENT 8)

25X1D



25X1

25X1

25X1

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25X1
25X1

25X1A

[REDACTED] ARSENYEV AIRCRAFT PLANT 116 UR 4409N 13315E

WALLED AREA CONTAINS A MAIN ASSEMBLY BUILDING, A FORGE/MACHINE SHOP, AND 30 SUPPORT BUILDINGS. ONE SMALL STRAIGHT-WING AIRCRAFT IS PARKED WITHIN THE WALLED AREA. NO EVIDENCE OF MISSILE PRODUCTION AND NO CONSTRUCTION ACTIVITY OBSERVED.

25X1D

25X1A

[REDACTED] PEIPING RKT ENG TEST FAC CHANG-HSIN-TIEN CH 3950N 11608E

THE THREE VERTICAL TEST STANDS, HORIZONTAL TEST SITE, AND ASSOCIATED STRUCTURES SHOW NO APPARENT CHANGE SINCE MISSION [REDACTED] CONSTRUCTION ACTIVITY IS EVIDENT AT THE NORTH END OF THE TEST AREA, WHERE THREE BUILDINGS AND 2 SMALL TANKS HAVE BEEN ADDED. THE SECURITY WALL HAS BEEN EXTENDED EASTWARD FOR APPROXIMATELY 3,000 FT FROM THE NORTH END OF THE TEST AREA. NO EVIDENCE OF OPERATIONAL ACTIVITY OBSERVED. THE FUNCTION OF THE SECURED AREA 2 NM TO THE SSE CANNOT BE DETERMINED.

25X1D

25X1D

25X1A

[REDACTED] PERM ROCKET ENGINE TEST FACILITY UR 5801N 05634E

FACILITY CONSISTS OF A SECURED VERTICAL TEST STAND WITH ASSOCIATED STRUCTURES. A 350 X 100 FT FLAT-ROOFED BUILDING IN THE EARLY STAGES OF CONSTRUCTION IS NOW VISIBLE IN THE CENTER OF THE FACILITY, WHERE CONSTRUCTION ACTIVITY WAS OBSERVED ON SEVERAL PREVIOUS MISSIONS. CONSTRUCTION ACTIVITY CONTINUES TO THE NORTH AND TO THE EAST OF THE FUEL STORAGE AREA AND CAN NOW BE SEEN TO CONSIST OF PIPE TRENCHES, A BUILDING UNDER CONSTRUCTION, AND AN EXCAVATION FOR A POSSIBLE BURIED TANK. THE SECURITY FENCE HAS BEEN EXTENDED TO ENCOMPASS THE PREVIOUSLY OBSERVED SW EXPANSION AREA. NO MISSILES, TRANSPORTERS, OR RELATED EQUIPMENT OBSERVED.

(ATTACHMENT 9)

TOP SECRET

25X1

25X1

25X1

TOP SECRET

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NPIC/R-873/64

25X1
25X1

25X1D

25X1A

STERLITAMAK STATIC TEST FACILITY UR 5341N 05558E

25X1D

NEARLY COMPLETED SECOND HORIZONTAL TEST CELL, FIRST OBSERVED IN AN EARLY STAGE OF CONSTRUCTION ON MISSION [REDACTED] CONSISTS OF AN L-SHAPED REVETMENT AT THE FIRING POSITION AND AN IMPACT BUNKER, BOTH ADJACENT TO AND WITH THE SAME ALIGNMENT AS THE LARGER COMPLETED CELL. TWO STORAGE-TYPE BUILDINGS, ONE REVETTED AND THE OTHER POSSIBLY REVETTED, ARE NEWLY OBSERVED. A LARGE NEWLY OBSERVED T-SHAPED BUILDING IS ADJACENT TO THE LINE OF FIVE OFFSET BUILDINGS. THERE IS AN ADDITION TO ONE OF THE EXISTING BUILDINGS AND A NEWLY OBSERVED RECTANGULAR STRUCTURE. TWO SETS OF OFFSET BUILDINGS WHICH HAVE BEEN OBSERVED PREVIOUSLY APPEAR TO BE STEPPED VERTICALLY AS WELL AS BEING OFFSET HORIZONTALLY, SUGGESTING A GRAVITY FLOW.

25X1D

25X1A

UFA STATIC TEST FACILITY UR 5459N 05604E

INSTALLATION CAN NOW BE IDENTIFIED AS A STATIC TEST FACILITY. THE PRINCIPAL BUILDING IN THIS INSTALLATION IS SIMILAR TO THOSE IN STATIC TEST FACILITIES AT VERKHNYAYA SALDA AND VORONEZH.

(ATTACHMENT 10)

25X1D

25X1A

CHI-LIN SUSPECT MISSILE PROD AND R & D CH 4356N 12634E

25X1A

SECURED SITE IS LOCATED 6 NM NORTH OF CHI-LIN AND APPROXIMATELY 2 NM NW OF THE CHI-LIN SYNTHETIC FUELS PLANT (BE [REDACTED]). THE SITE, WHICH MAY BE AN EXPLOSIVES RESEARCH FACILITY, CONTAINS 2 LARGE LABORATORY OR PROCESSING BUILDINGS, 5 UTILITY/SUPPORT BUILDINGS, AND SEVERAL REVETTED EXPLOSIVE STORAGE STRUCTURES.

25X1

25X1

25X1

TOP SECRET

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NPIC/R-873/64

25X1
25X1

25X1D

25X1A

BRATSK SUSPECT ABM AREA UR 5654N 10030E

NO AMM-RELATED FACILITIES OR UNUSUAL CONSTRUCTION
ACTIVITY OBSERVED WITHIN 50-NM RADIUS SEARCH AREA ON
CLOUD-FREE PHOTOGRAPHY.

25X1D

25X1A

DUMYAT SUSPECT SAM AREA EG 3125N 03148E

WESTERN QUARTER OF SEARCH AREA COVERED BY CLEAR
PHOTOGRAPHY. EASTERN THREE-QUARTERS NOT COVERED.
NO SAM SITES OBSERVED. AREA CANNOT BE NEGATED.

25X1D

BONUS 1. PLISSA FIXED FIELD MRBM LAUNCH SITE 2 UR 5511N 02754E

SITE, 2 NM SW OF PLISSA AND 26 NM WSW OF POLOTSK
MRBM LAUNCH SITE 2, CONSISTS OF A LARGE LOOP ROAD
PATTERN WITH SMALLER LOOPS CONNECTING AT LEAST
TWO PAD-LIKE CLEARINGS. TWO ADDITIONAL PAD-LIKE
CLEARINGS AND ASSOCIATED ROAD NET ARE PARTLY OBSCURED
BY CLOUD SHADOW. NO ERECTORS OR VEHICLES OBSERVED
IN THE SITE AREA.

25X1D

BONUS 2. CHERNIGOVKA SAM SITE UR 4411N 13209E

NEWLY IDENTIFIED F-CONFIGURATION SA-3 SAM SITE
LOCATED 19.5 NM SW OF CHERNIGOVKA.

25X1D

25X1
25X1

**Air
Facilities**

25X1

TOP SECRET

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25X1
25X1

AIR FACILITIES

25X1A

UKRAINA AIRFIELD UR 5110N 12826E

NO NEW FACILITIES OBSERVED.

AIRCRAFT -- 41 BISON (15 ON EAST LOADING STANDS, 16 ON SE PARKING RAMP, 2 ON NW HARDSTANDS, 7 ON HARDSTANDS WEST OF LOOP TAXIWAY, AND ONE ON HARDSTAND EAST OF LOOP TAXIWAY), ONE BISON/BEAR ON HARDSTAND EAST OF LOOP TAXIWAY, 4 BADGER (2 ON SE PARKING RAMP AND 2 ON HARDSTANDS EAST OF LOOP TAXIWAY), 2 MEDIUM STRAIGHT-WING ON HARDSTANDS EAST OF LOOP TAXIWAY, 2 SMALL STRAIGHT-WING ON HARDSTANDS WEST OF LOOP TAXIWAY, AND ONE CAB OUTSIDE FENCE

25X9

25X9

25X1D

25X1A

BORZYA AIRFIELD NORTHWEST UR 5024N 11623E

AIRCRAFT -- 9 BADGER.

25X1D

25X1A

MINSK/MACHULISHCHE AIRFIELD UR 5347N 02734E

RUNWAY CONSTRUCTION CONTINUES.

AIRCRAFT -- ONE MEDIUM STRAIGHT-WING OBSERVED THROUGH SCATTERED CLOUDS

25X9

25X9

25X1D

25X1A

CHERVONO-GLINSKOYE AIRFIELD UR 4557N 02923E

AN AAM STORAGE FACILITY IS LOCATED OFF SW END OF RUNWAY.

AIRCRAFT -- 11 BADGER AND 22 SMALL PROBABLE FIGHTER.

25X1D

25X1

25X1

TOP SECRET

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25X1
25X1

25X1A

SPASSK-DALNIY AIRFIELD EAST UR 4437N 13253E

AIRCRAFT -- 11 BADGER, 16 FIGHTER, 3 PROBABLE FIGHTER, AND 2 SMALL AIRCRAFT.

25X1D

25X1A

BELAYA TSEKOV AIRFIELD UR 4947N 03001E

AIRCRAFT -- 6 BEAR ON HARDSTANDS, 63 BADGER ON HARDSTANDS AND GRASS ALONG LOOP TAXIWAY, 2 BADGER IN MAINTENANCE AREA, AND ONE MEDIUM STRAIGHT-WING ON GRASS AT NE END OF FIELD.

25X1D

25X1A

ZHITOMIR/SKOMOROKHI AIRFIELD UR 5010N 02844E

AIRCRAFT -- ONE MEDIUM STRAIGHT-WING OBSERVED THROUGH SCATTERED CLOUDS.

25X1D

25X1A

BOBRUYSK AIRFIELD UR 5306N 02912E

NEW CONSTRUCTION ACTIVITY NEAR EAST END OF RUNWAY CONTINUES.

AIRCRAFT -- 52 BADGER ON HARDSTANDS ALONG TAXIWAY, ONE PROBABLE BULL, ONE MEDIUM STRAIGHT-WING, AND 4 LIGHT STRAIGHT-WING ON GRASS AT EAST END OF RUNWAY.

25X1D

25X1A

USSURIYSK/VOZDVIZHENKA AIRFIELD UR 4355N 13156E

NO APPARENT CHANGE SINCE MISSION

AIRCRAFT -- 56 BADGER.

25X1D

TOP SECRET

25X1
25X1

TOP SECRET

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25X1

25X1

25X1

25X1D

25X1A

KHOROL AIRFIELD EAST UR 4427N 13208E

CONSTRUCTION OF RUNWAY EXTENSION CONTINUES.

AIRCRAFT -- NONE OBSERVED.

25X1D

25X1A

ARTEM AIRFIELD NORTH UR 4323N 13209E

NO APPARENT CHANGE SINCE MISSION

25X1D

AIRCRAFT -- 46 BADGER PARKED ON APRONS AND HARDSTANDS, ONE LIGHT STRAIGHT-WING ON TAXIWAY, 4 LIGHT STRAIGHT-WING ON HARDSTANDS, 2 BADGER AND 10 LIGHT STRAIGHT-WING IN MAINTENANCE AREA, ONE MEDIUM AIRCRAFT IN FRONT OF HANGAR IN MAINTENANCE AREA.

25X1D

25X1A

KAZAN AIRFRAME PLANT GORBUNOV 22 UR 5552N 04907E

NO APPARENT CHANGE SINCE MISSION

25X1D

AIRCRAFT -- 20 BLINDER, 7 BADGER, AND 3 MEDIUM STRAIGHT-WING.

(ATTACHMENT 11)

25X1D

25X1A

MIRAN AIRFIELD CH 3917N 08845E

NO AIRFIELD OBSERVED IN THIS AREA.

25X1D

TOP SECRET

25X1

25X1

**Nuclear
Energy**

25X2

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**Naval
Activity/
Ports**

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25X1

25X1

25X1A

NAVAL ACTIVITY/PORTS

CHAN-CHIANG NAVAL BASE CH 2112N 11025E

NO NAVAL CRAFT OBSERVED. THREE MERCHANT SHIPS
ALONGSIDE DOCKS. HAZE AND OBLIQUITY PRECLUDE
DETAILED ANALYSIS OF FACILITIES.

25X1D

25X1A

HSIA-MEN NAVAL BASE & PORT FACILITIES CH 2427N 11805E

IDENTIFICATION ONLY.

25X1D

25X1A

NAO-CHOU TAO SUSPECT SUBMARINE BASE CH 2055N 11035E

NO SUBMARINE BASE OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

CHING-LAN CHIANG NAVAL BASE CH 1932N 11049E

IDENTIFICATION ONLY.

25X1D

25X1A

CHIN-HUANG-TAO PORT FACILITIES CH 3954N 11936E

NO NAVAL VESSELS OBSERVED. FOUR BARGES AND 3 SMALL
FREIGHTERS AT PORT.

NO APPARENT CHANGE IN PORT FACILITIES SINCE

25X1D

25X1D

TOP SECRET

25X1

25X1

**Biological/
Chemical
Warfare**

25X2

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**Electronics/
Communications**

25X1

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25X1
25X1

ELECTRONICS/COMMUNICATIONS

25X1A

LAPICHI HF RDO RELAY & MF BROADCAST STN UR 5325N 02831E

NO APPARENT CHANGE SINCE MISSION

25X1D

CLOUD SHADOW PRECLUDES DETAILED INTERPRETATION.

25X1D

25X1A

MING-SHUI POSS MISSILE TRACKING STATION CH 4155N 09620E

ONLY EASTERN PART OF SEARCH AREA COVERED.
NO ANTENNAS OBSERVED.

25X1D

25X1

25X1

**Military
Activity**

25X1

TOP SECRET

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25X1

25X1

25X1A

MILITARY ACTIVITY

SHAN-SHEN-FU ARMY BARRACKS SOUTHEAST CH 5010N 12712E

ALL EXCEPT APPROXIMATELY 25 BARRACKS/ADMINISTRATION/
SUPPORT BUILDINGS APPEAR TO HAVE BEEN RAZED.
THE AREA APPEARS INACTIVE. TARGET IS COVERED
BY 100 PERCENT CLEAR PHOTOGRAPHY.

25X1D

Complexes

25X1

TOP SECRET

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25X1

25X1

25X1A

COMPLEXES

PAO-TOU COMPLEX CH 4036N 11001E

NO APPARENT CHANGE SINCE MISSION

HAZE AND SCATTERED CLOUDS PRECLUDE DETAILED ANALYSIS.

25X1D

25X1D

25X1

25X1

Attachments

25X1

TOP SECRET

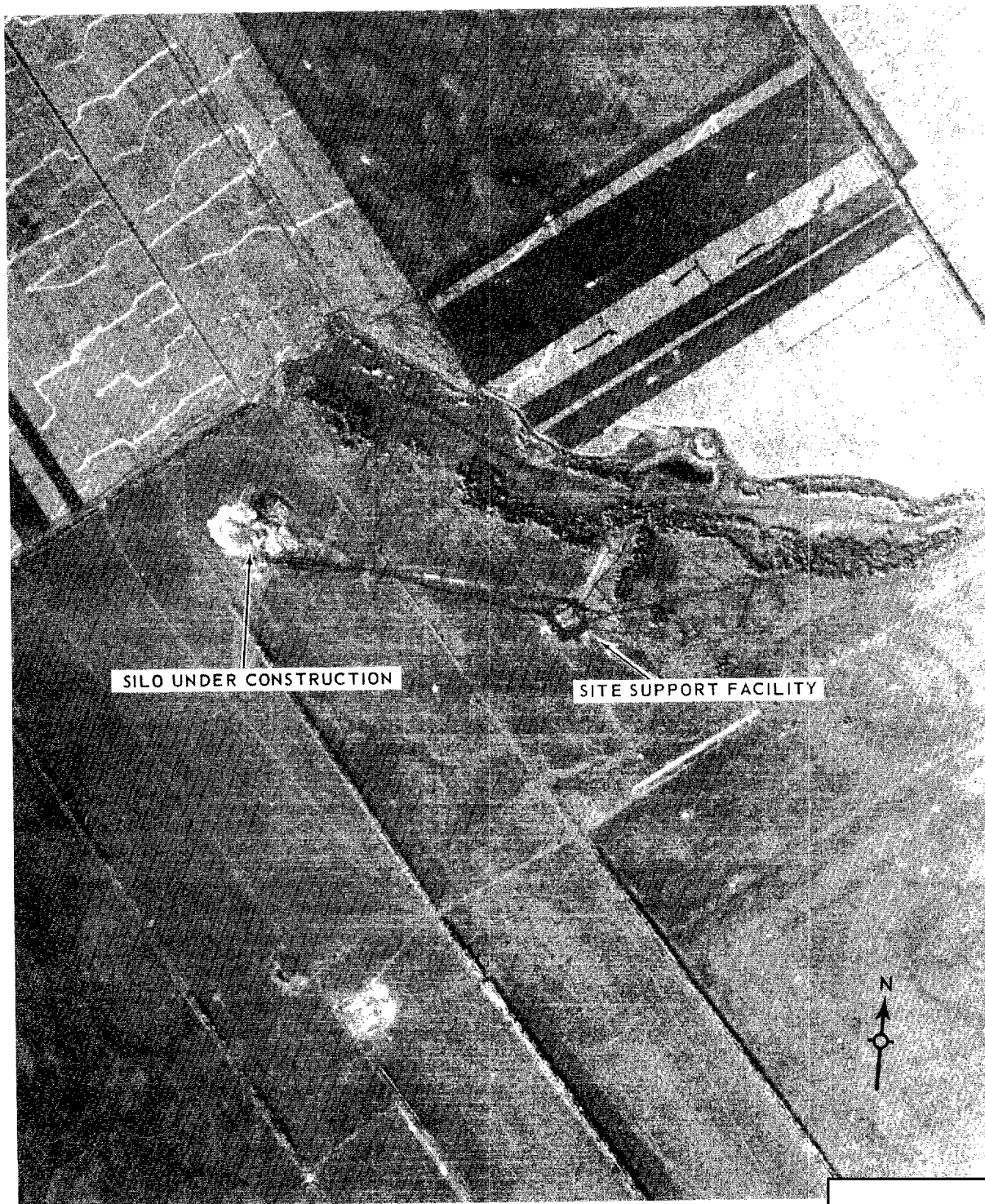
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ATTACHMENT 1

25X1
25X1



LAUNCH AREA A, ALEYSK ICBM COMPLEX, USSR

25X1

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25X1

25X1

25X1

TOP SECRET

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ATTACHMENT 2

25X1
25X1



LAUNCH AREA B, ALEYSK ICBM COMPLEX, USSR

25X1

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TOP SECRET

25X1

25X1

25X1

TOP SECRET

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ATTACHMENT 3

25X1
25X1



LAUNCH AREA C, ALEYSK ICBM COMPLEX, USSR

25X1

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TOP SECRET

25X1

25X1

25X1

TOP SECRET

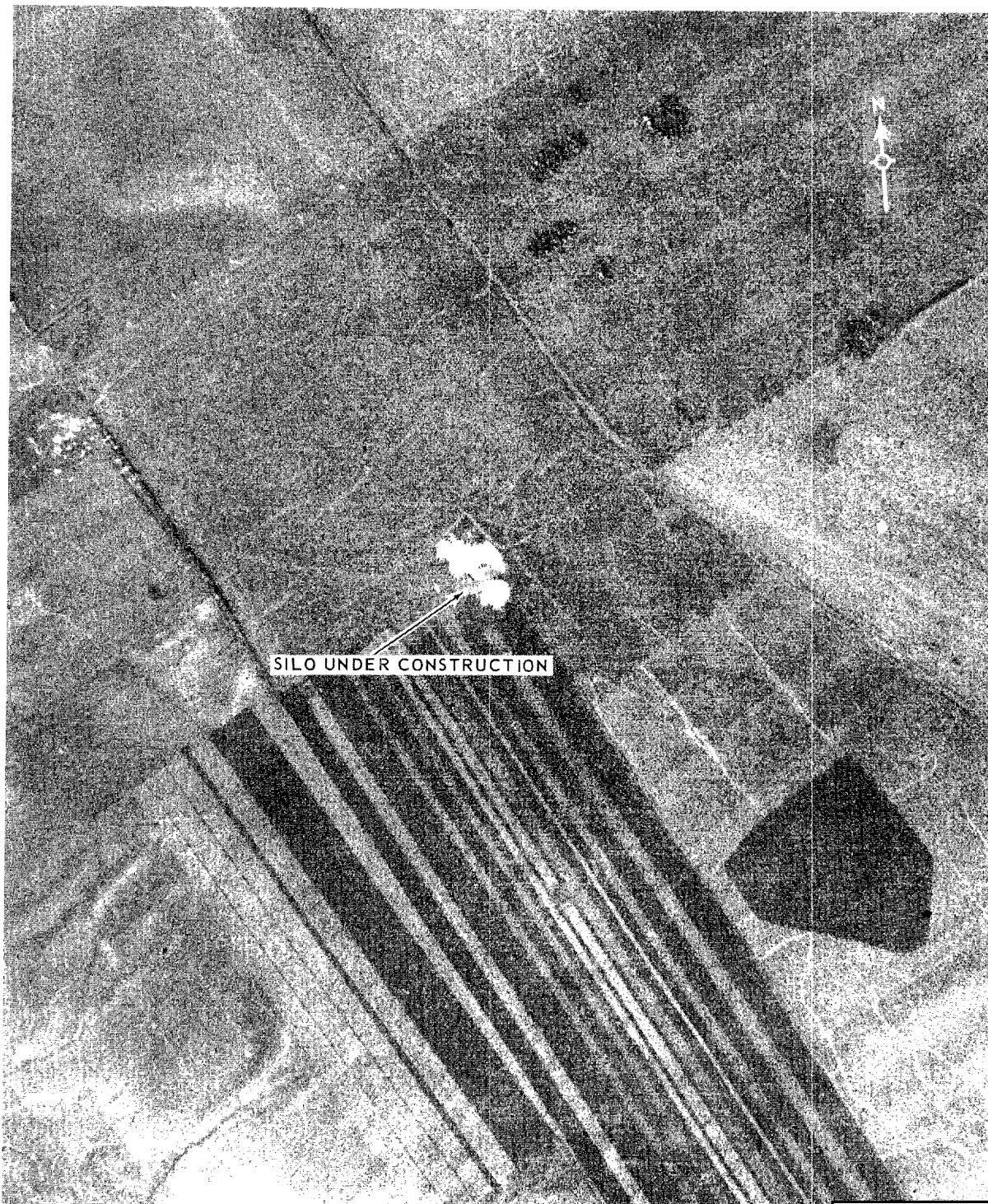
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ATTACHMENT 4

25X1
25X1



LAUNCH AREA D, ALEYSK ICBM COMPLEX, USSR

25X1

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TOP SECRET

25X1
25X1

25X1

TOP SECRET

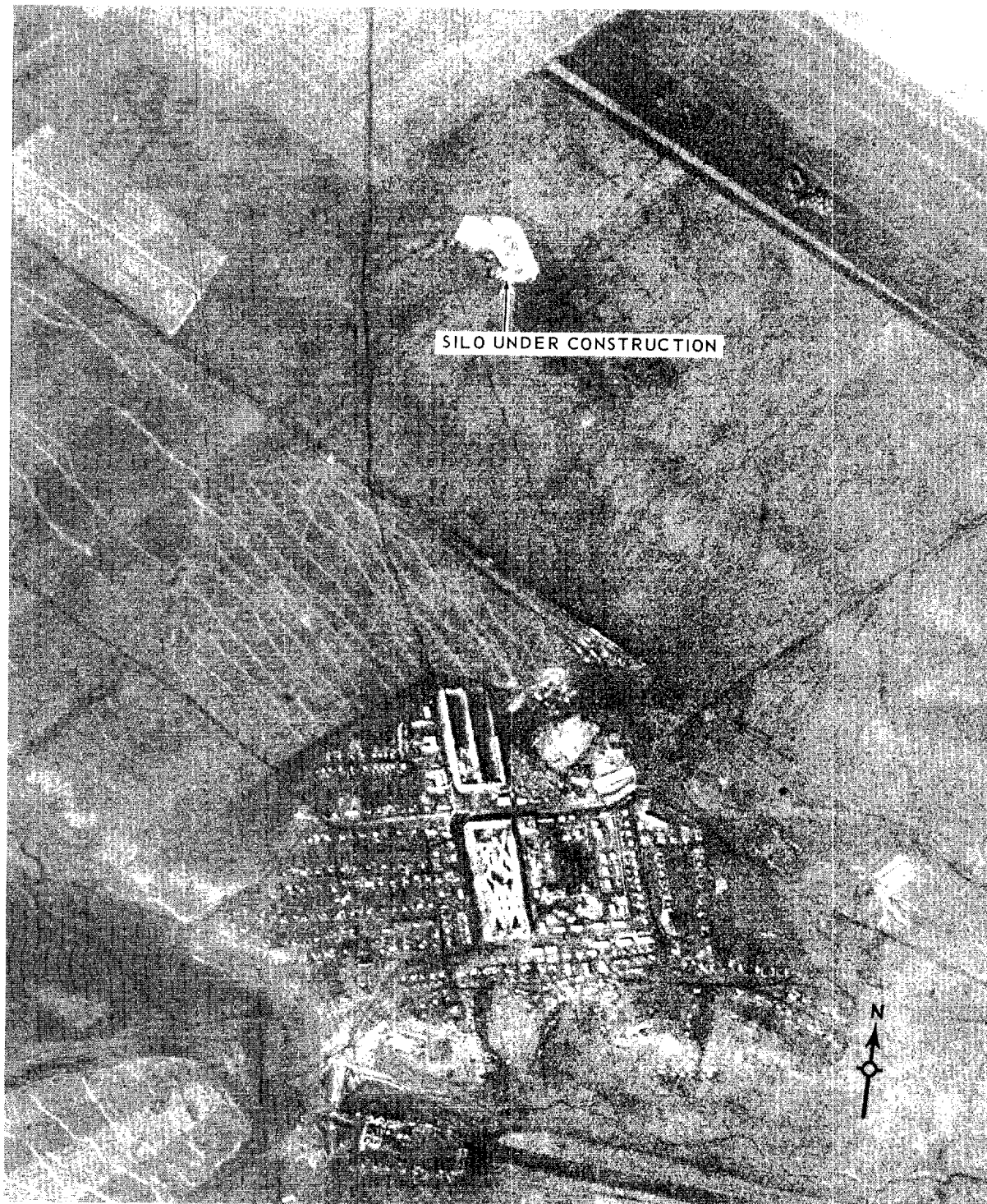
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ATTACHMENT 5

25X1
25X1



LAUNCH AREA E, ALEYSK ICBM COMPLEX, USSR

25X1

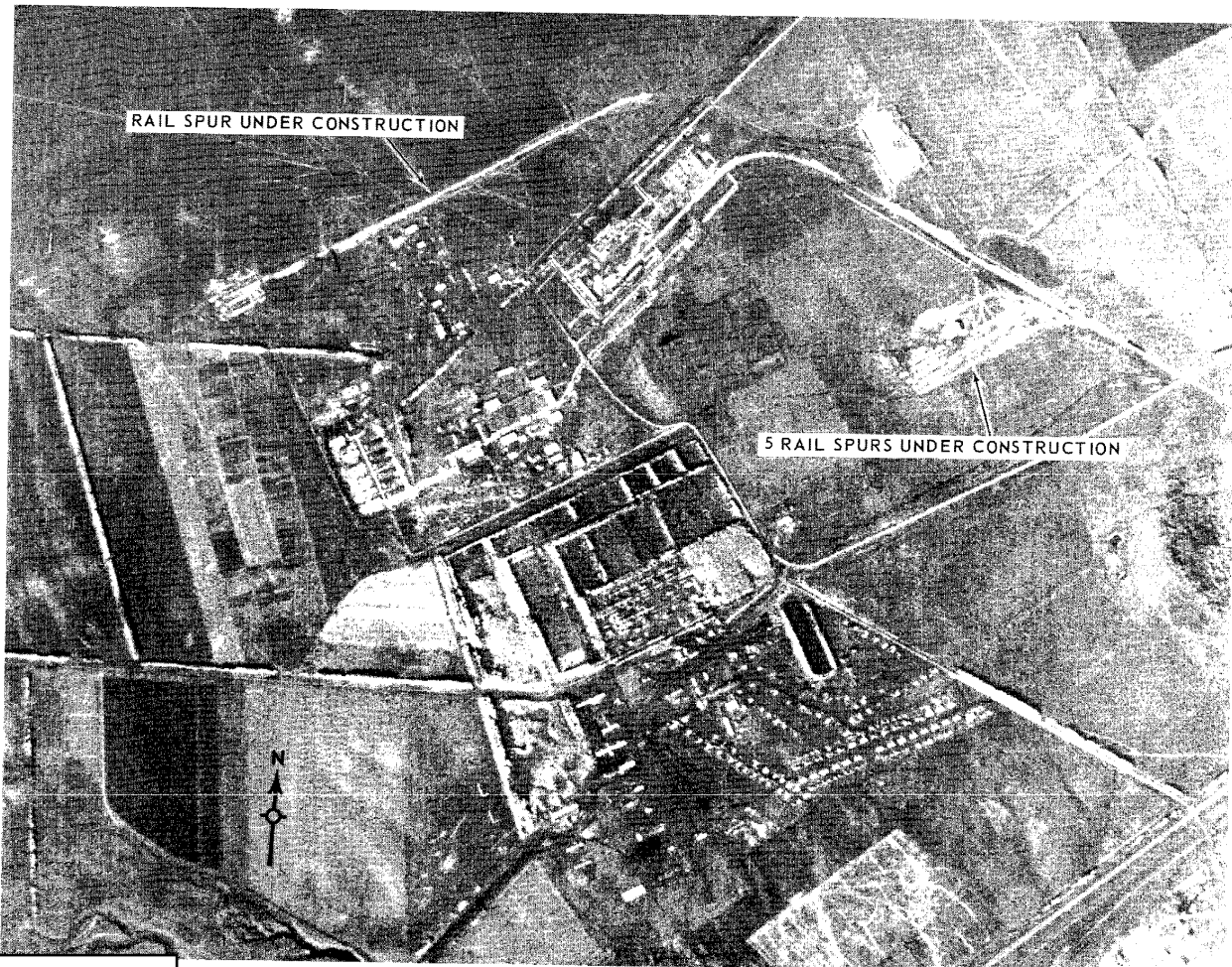
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TOP SECRET

25X1

25X1

25X1



COMPLEX SUPPORT FACILITY, ALEYSK ICBM COMPLEX, USSR

TOP SECRET
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25X1

NPIC/R-873/64
ATTACHMENT 6

25X1

TOP SECRET

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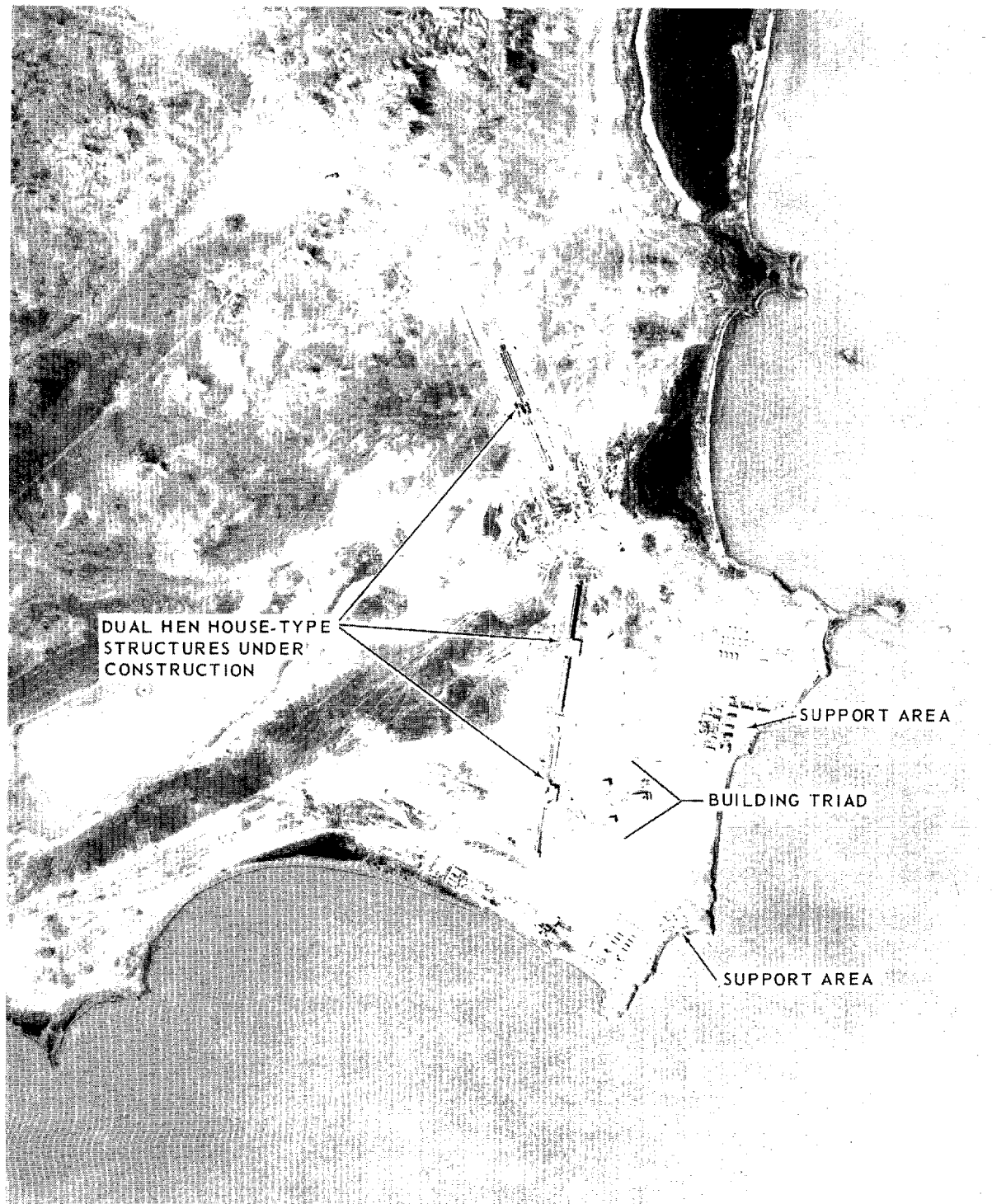
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ATTACHMENT 7

25X1

25X1



SITE 13, ANTIMISSILE TEST CENTER, SARY-SHAGAN, USSR

25X1

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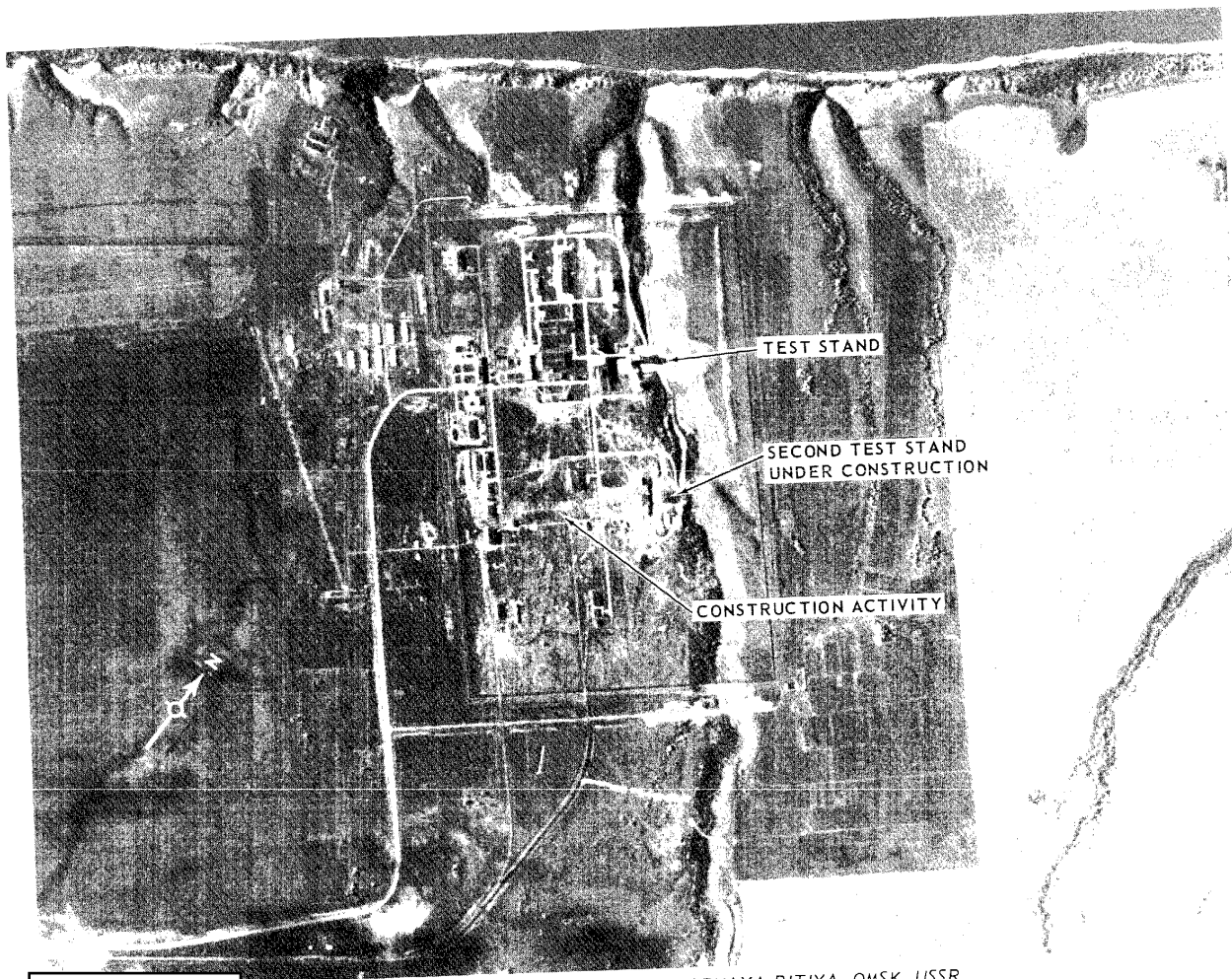
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25X1

25X1

25X1

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ROCKET ENGINE TEST FACILITY, GORNAYA BITIYA, OMSK, USSR.

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25X1

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25X1

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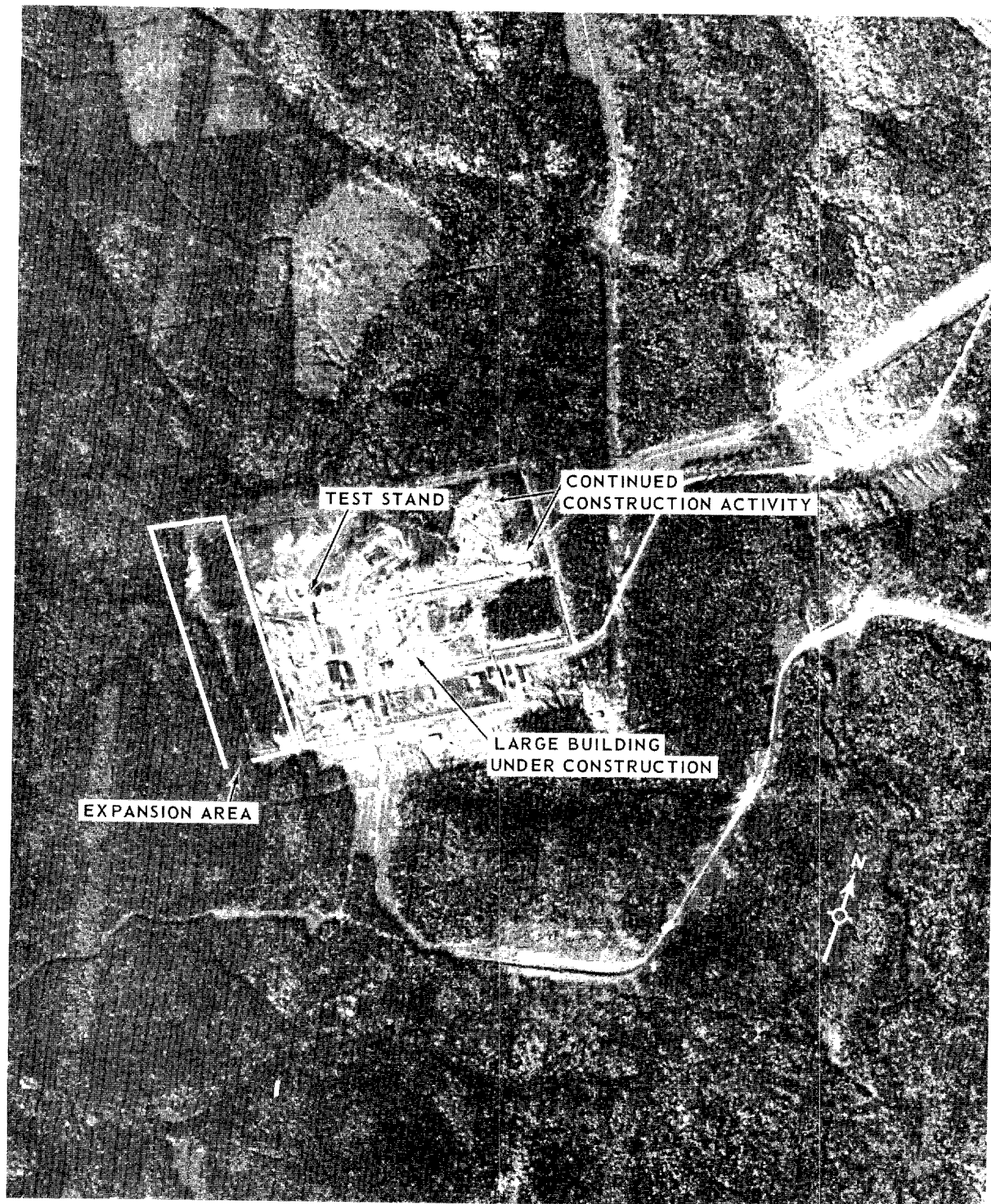
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ATTACHMENT 9

25X1

25X1



ROCKET ENGINE TEST FACILITY, PERM, USSR

25X1

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TOP SECRET

25X1

25X1

25X1



STATIC TEST FACILITY, UFA, USSR

TOP SECRET
MISSION 1010-2, 19-23 SEPTEMBER 1964

25X1

25X1

NPIC/R-873/64
ATTACHMENT 10

25X1

TOP SECRET

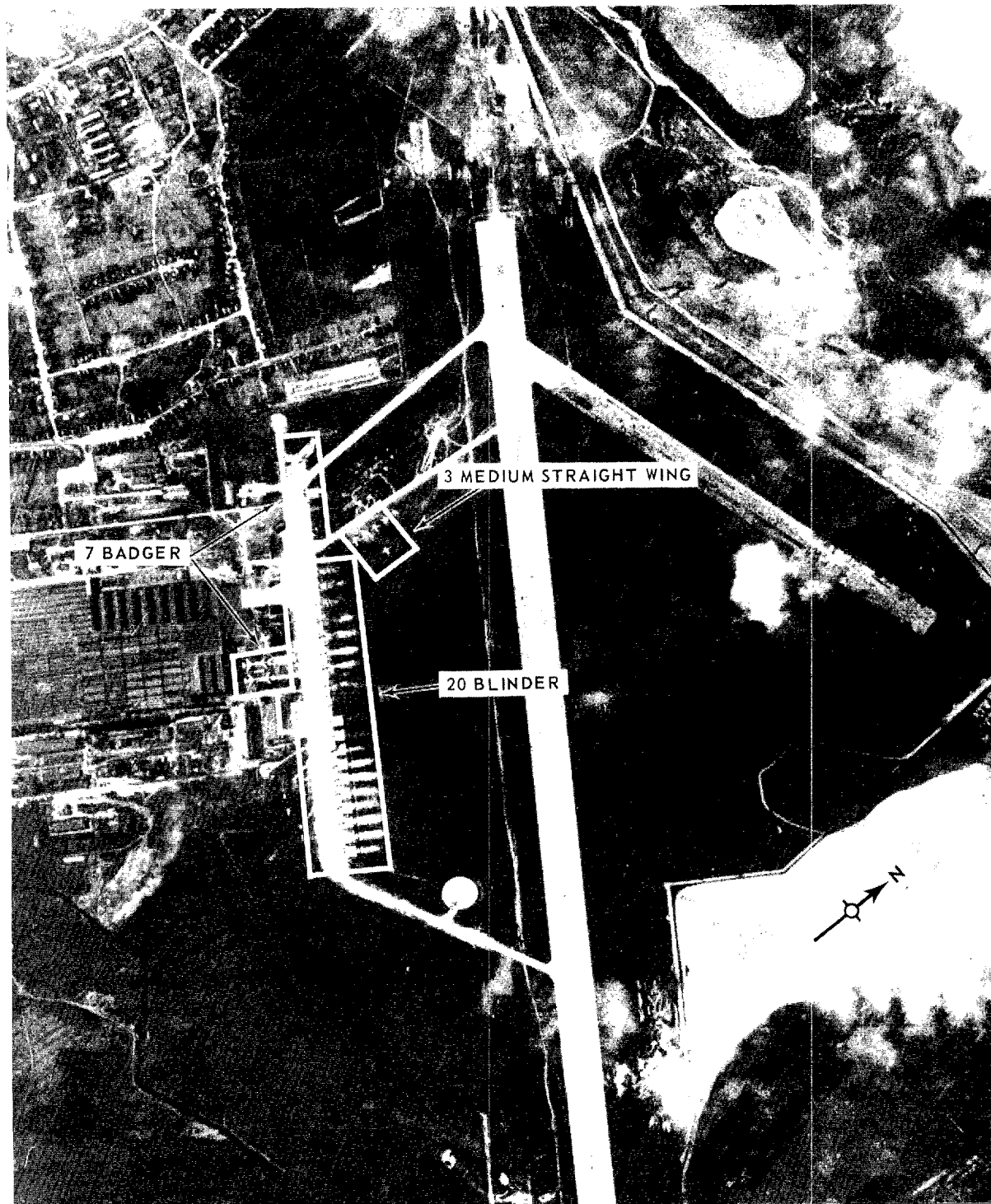
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ATTACHMENT 11

25X1
25X1



AIRFRAME PLANT, GORBUNOV 22, KAZAN, USSR

25X1

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TOP SECRET

25X1

25X1

25X2

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